	IMPROVEMENT OF FILM HOLDER (120 / 220 TYPE)	1/1	87	10

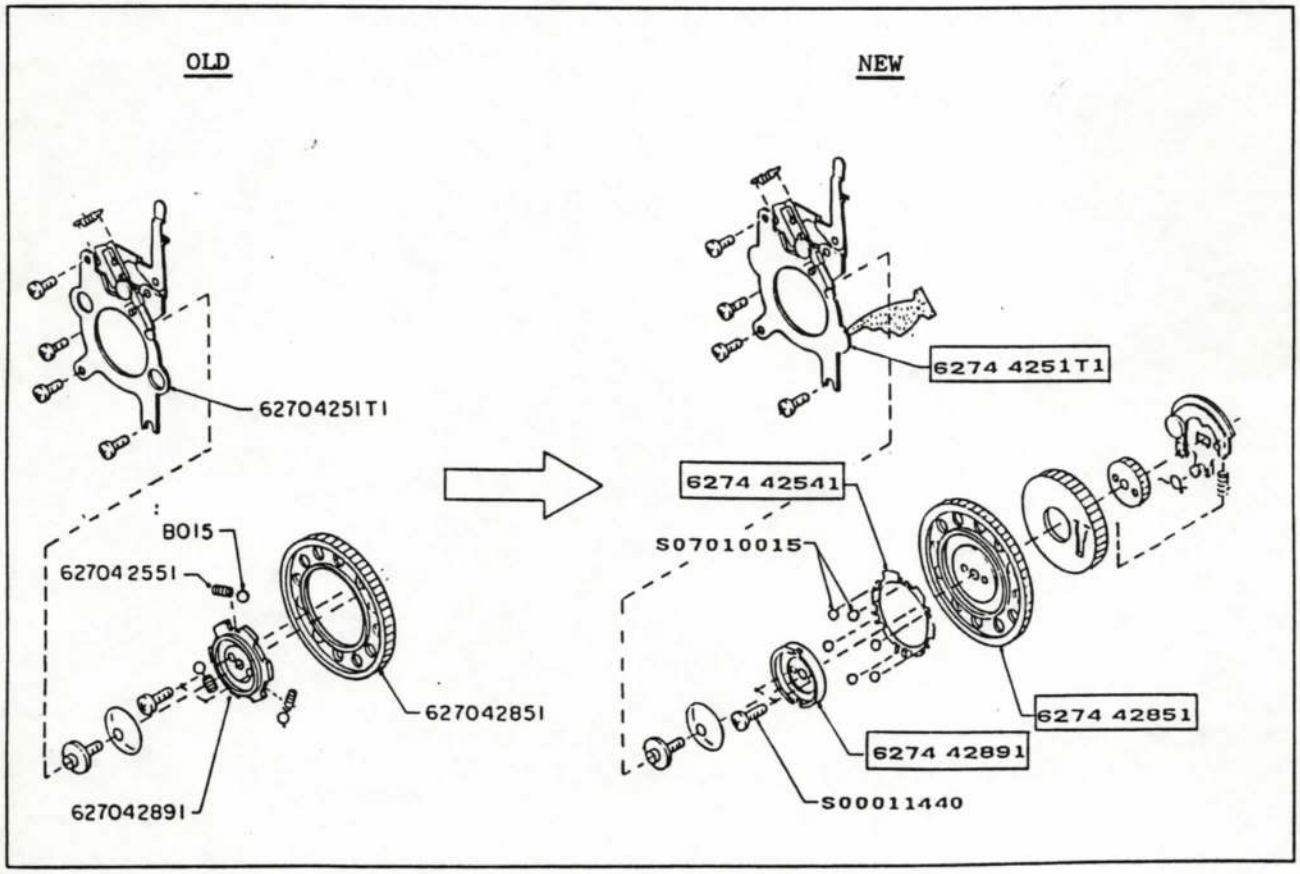
OUR REF.NO. 061

As informed you of the dropping out of steel ball(BO1.5) for M645Super RFH with technical bulletin OUR REF.NO 057 of 25, DEC, 1987, Modify the winding mechanism to that of type 135 RFH.

Disuse		Newiy add.
6270 4251T1	⇨	6274 4251T1
6270 42891		6274 42891
6270 42851		6274 42851
6270 42551		6274 42541
BO 1.5 x 3pce		S07010015(BO 1.5) x 6pce

Discrimination

By modification No. "06" on backside of the Back lid for RFH.



Namiya HK

Remarks

28 JUL 88

M645 SUPER	3	ROLL FILM HOLDER
	7	TECHNICAL BULLETIN

	New Film roller and film guide plate	1/2	87	9

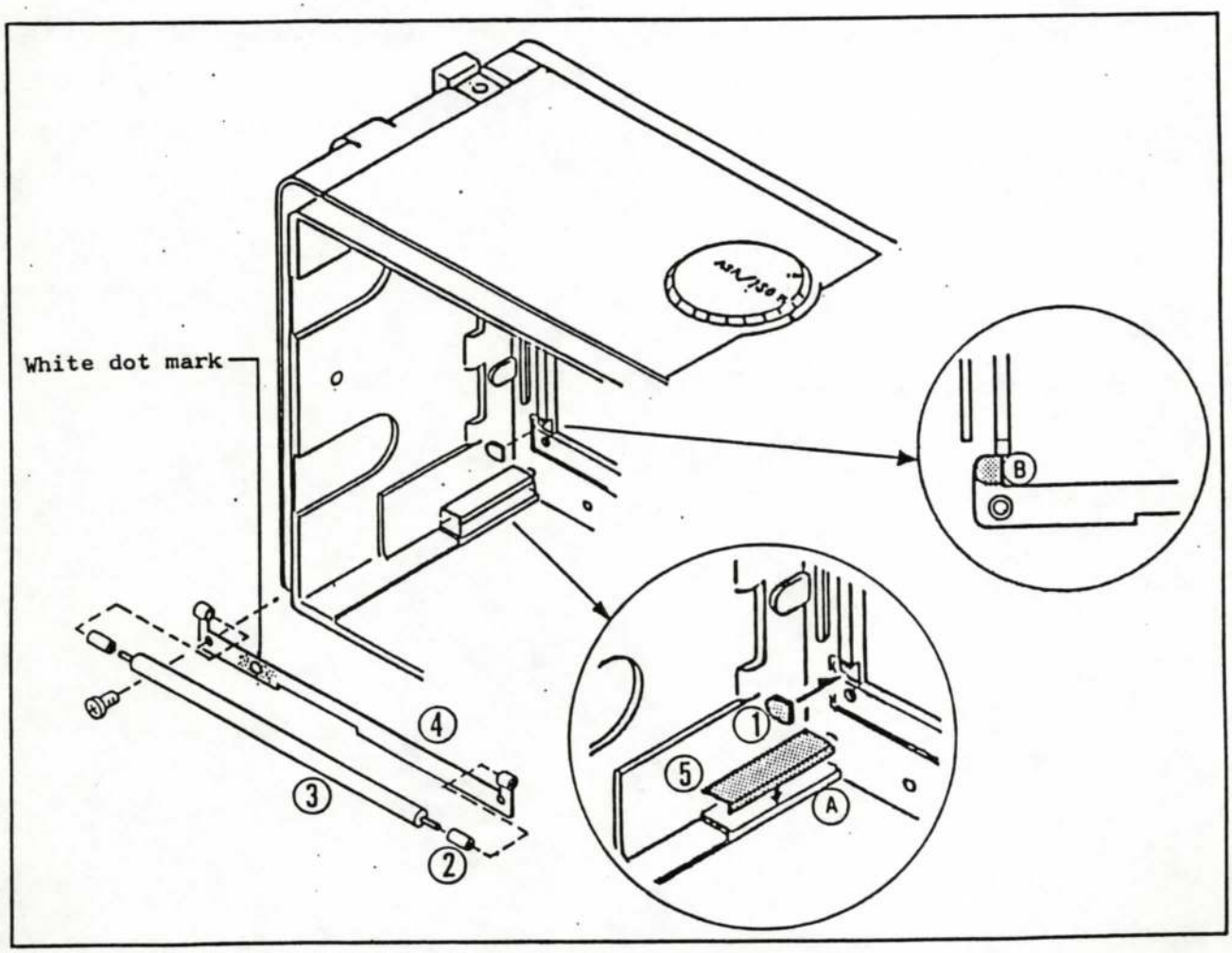
OUR REF.NO. 058

To make more smooth and light film winding two film rollers and two tilm guide plates should be provided for the improvement.

Note: This improvement will be very effective for film transport problem and film scratch on T-Max 120 film.

1. Improvement Parts:

1)	6270 41391 Washer	4 pcs.
2)	6270 41522 Collar	4 pcs.
3)	6270 41512 Film roller 2.0mm	2 pcs.
4)	6270 41532 Leaf spring	2 pcs.
5)	6270 41561 New film guide plate	2 pcs.



Mamiya HK

Remarks

25	DEC	87

New film roller and film guide plate | 2/2 | 87 | 9

OUR REF.NO. 058

2. Procedure of replacement with new rollers:

1) Remove two film rollers and leaf spring of the roller.
2) Stick 6270 41391 washer into four cavities under brackets of the leaf spring with some adhesive (See B).
3) Set 2 new coller to both sides of 3 new roller and then set the roller into 4 leaf spring.
4) Install the leaf spring with roller to RFH with screws.
5) Stick 6270 41561 new film guide plate with some adhesive (pattex) on the place A additionally.

* It is not necessary to remove the former film guide plate. The new film guide plate must put on the former film guide plate.

Note: * Diameter of new roller is 2.0mm, but present roller is in 2.5mm.

* New film guide plate is in metal and its thickness is 1.5mm. Conventional film guide plate is in plastic with its thickness 1.5mm.

Discrimination

By modification No. "04" on backside of the Back lid for RFH.

M645 SUPER	3	ROLL FILM HOLDER
	7	TECHNICAL BULLETIN

	Fill the hole with 6270 42571 Cap	1/1	87	8

OUR REF.NO. 057

To prevent unexpected dropping out of BO1.5 steel ball, the hole should be filled as follows :

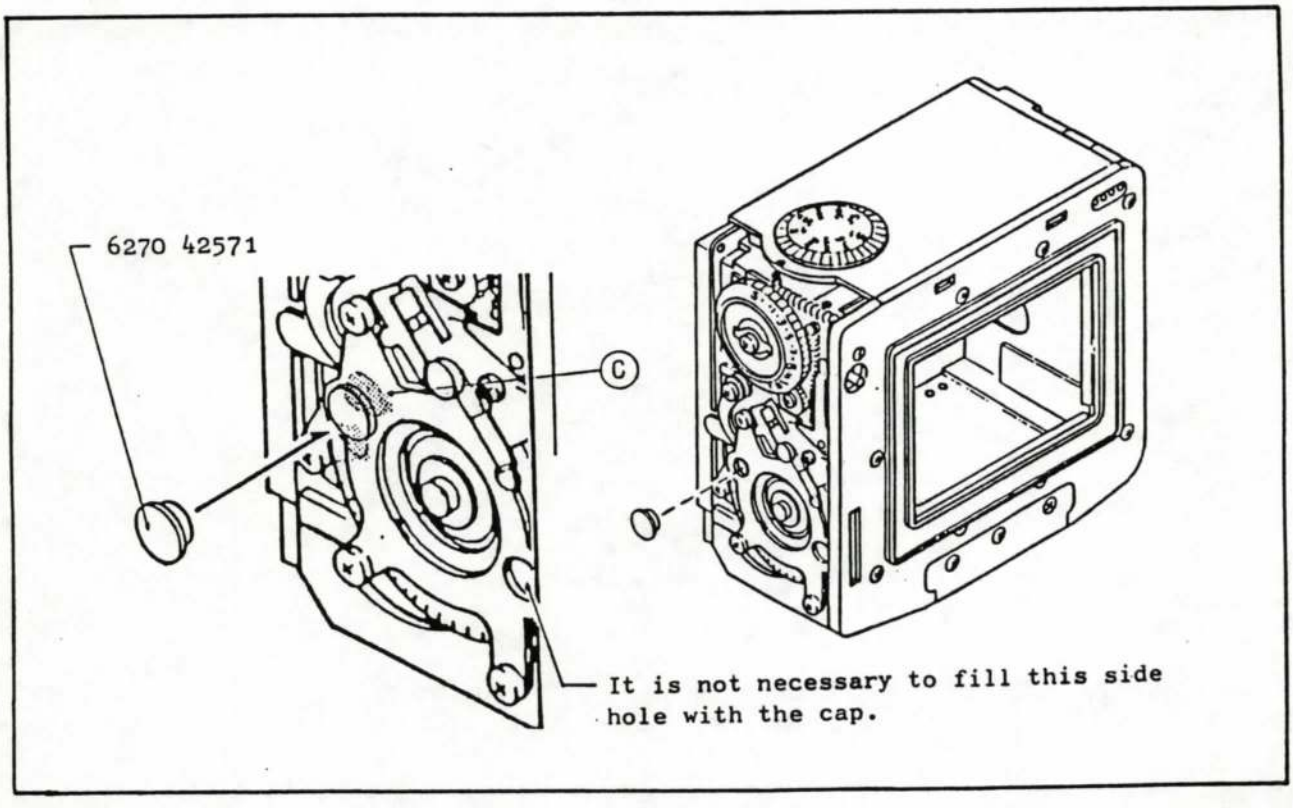
Step :

1) Put 6270 42571 cap on the hole pointed with an arrow.
2) Sparingly apply a bit of adhesive (pattex) to the cap as shown in the drawing Ⓒ .

Note : Don't put the cap on the other side hole.

Discrimination

By modification No. "O4" on backside of the Back lid for ~~RH~~F.
RFH



Remarks

25	DEC	87

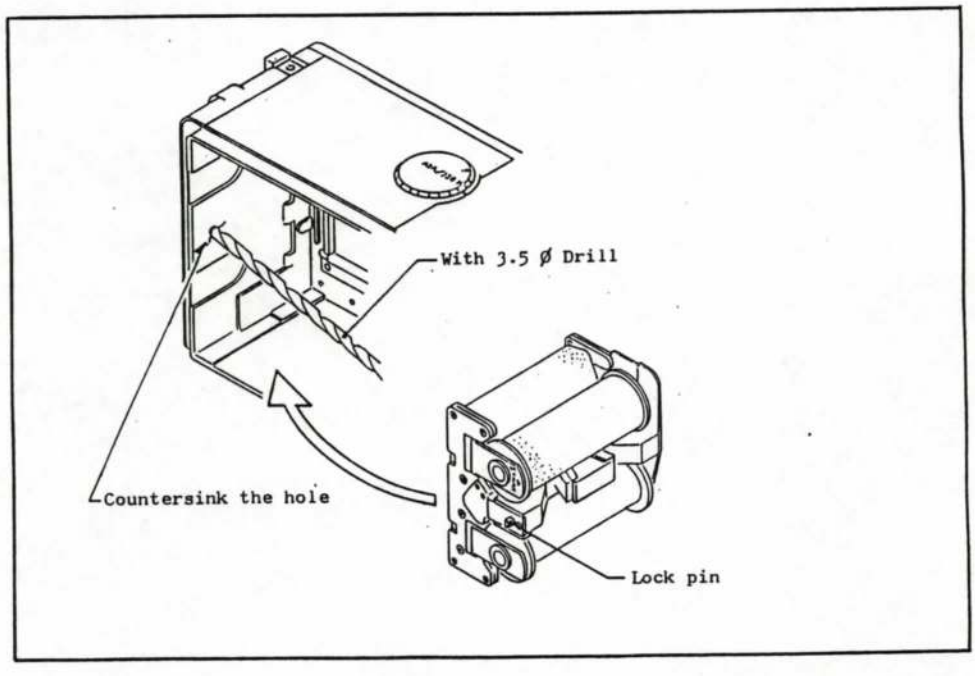
Mamiya HK

OUTER HOUSING OF ROLL FILM HOLDER N | 1/1 | 87 | 7

OUR REF NO. 045

Phenomenon : When film insert is set into film roll holder, sometimes the lock pins of film insert will not be locked into the Hole of roll film holder certainly.

Step : Slightly countersink the hole of film roll holder shown in the drawing with 3.5Ø drill.



Remarks

06 APR 87

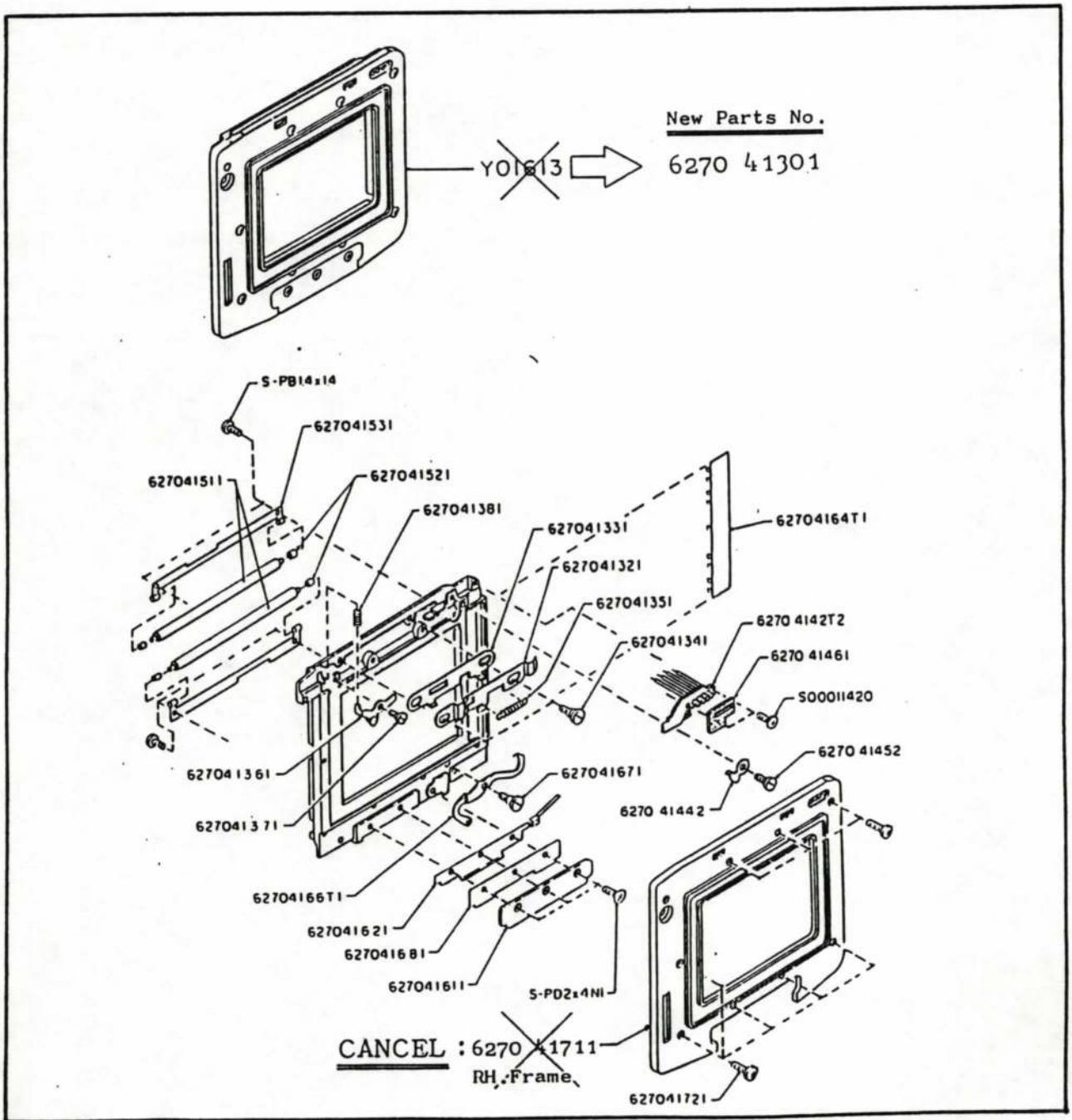
M645 SUPER	3	ROLL FILM HOLDER
	7	TECHNICAL BULLETIN

	PARTS CHANGE NOTICE	1/1	87	6

OUR REF.NO. 037

Will be not supplied P/NO 6270 41711 : RH Frame.

F.Holder to preserve accuracy of the flange back and film rail surface flatness, so that replacement of RH.frame is assembled into F.Holder body.



Mamiya HK

Remarks

5	FEB	87

M645 SUPER	3	ROLL FILM HOLDER
	7	TECHNICAL BULLETIN

	NEW UPPER COVER ASS'Y & SIDE PANEL ASS'Y	1/1	87	5

OUR REF.NO 034

REVISED

1. PURPOSE : Improvement of lock release system.

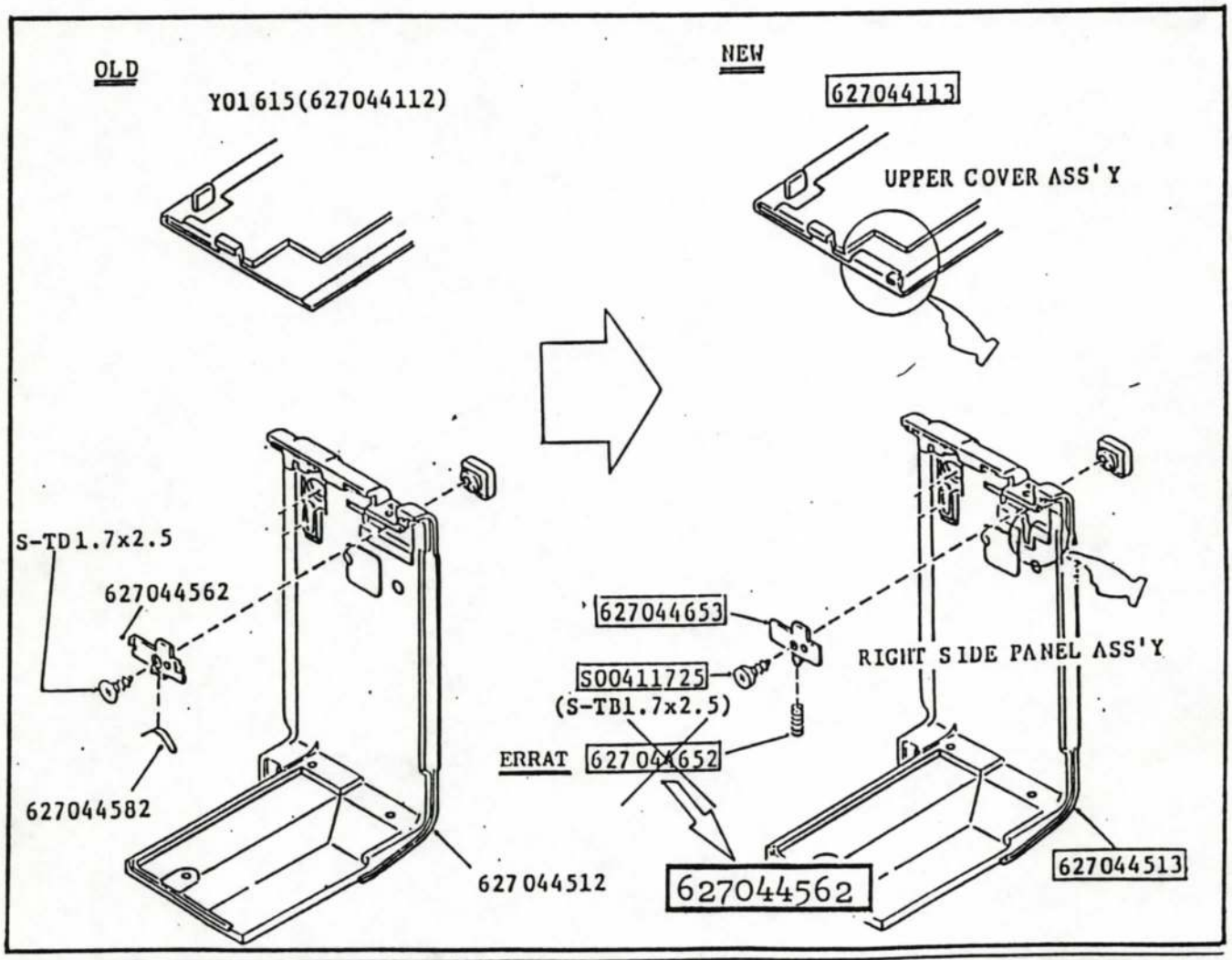
2. REPLACEMENT OLD & NEW PARTS

: New upper cover and new side panel must be in set.

: Compatibility of new and old.....None

3. MODIFICATION DATE : From September, 1986.

ERRATUM	AMEND TO READ
627044652	627044562



Remarks

23	JAN	87

	NEW UPPER COVER ASS'Y & SIDE PANEL ASS'Y	1/1	87	5

OUR REF.NO. 005

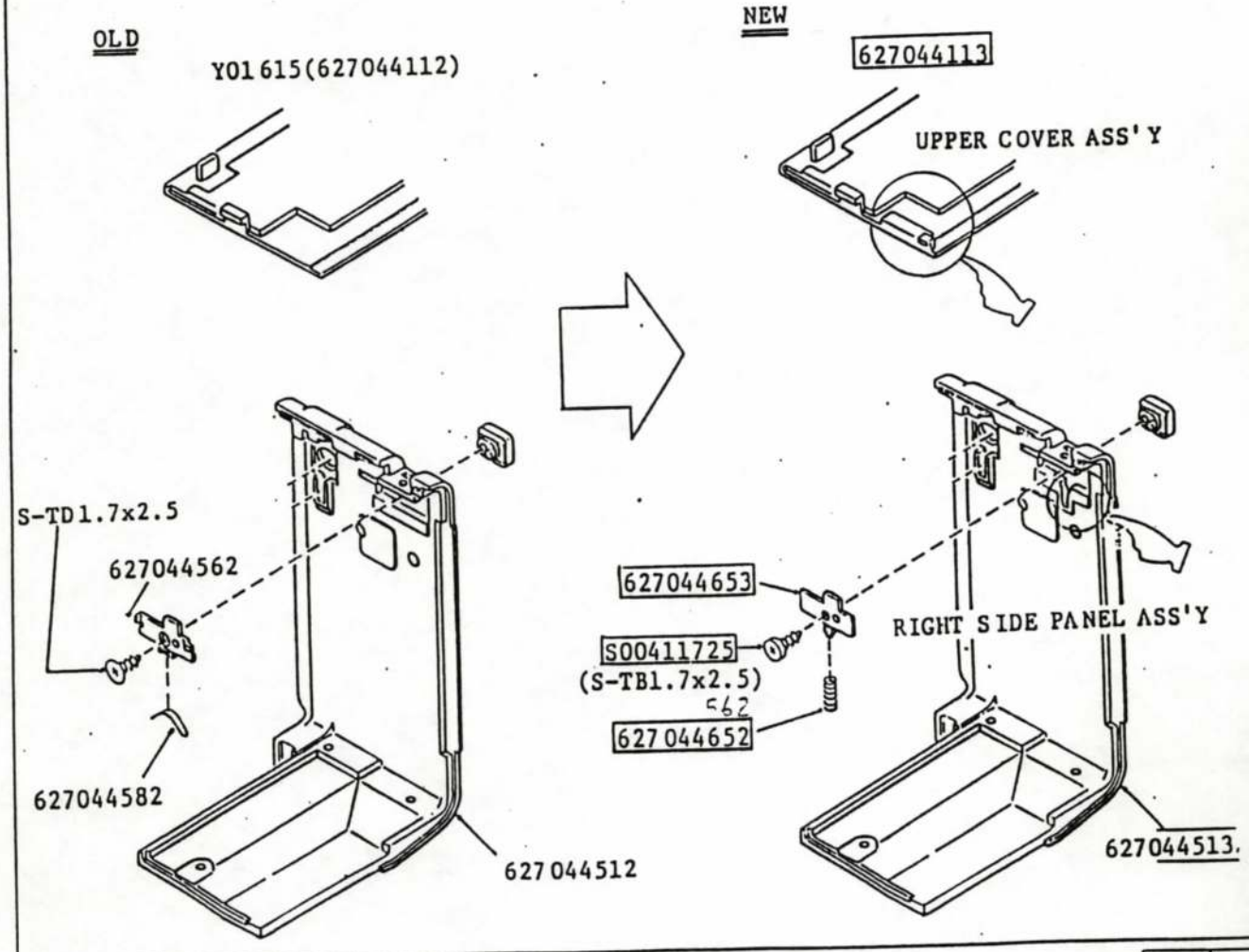
1. PURPOSE : Improvement of lock release system.

2. REPLACEMENT OLD & NEW PARTS

: New upper cover and new side panel must be in set.

: Compatibility of new and old.....None

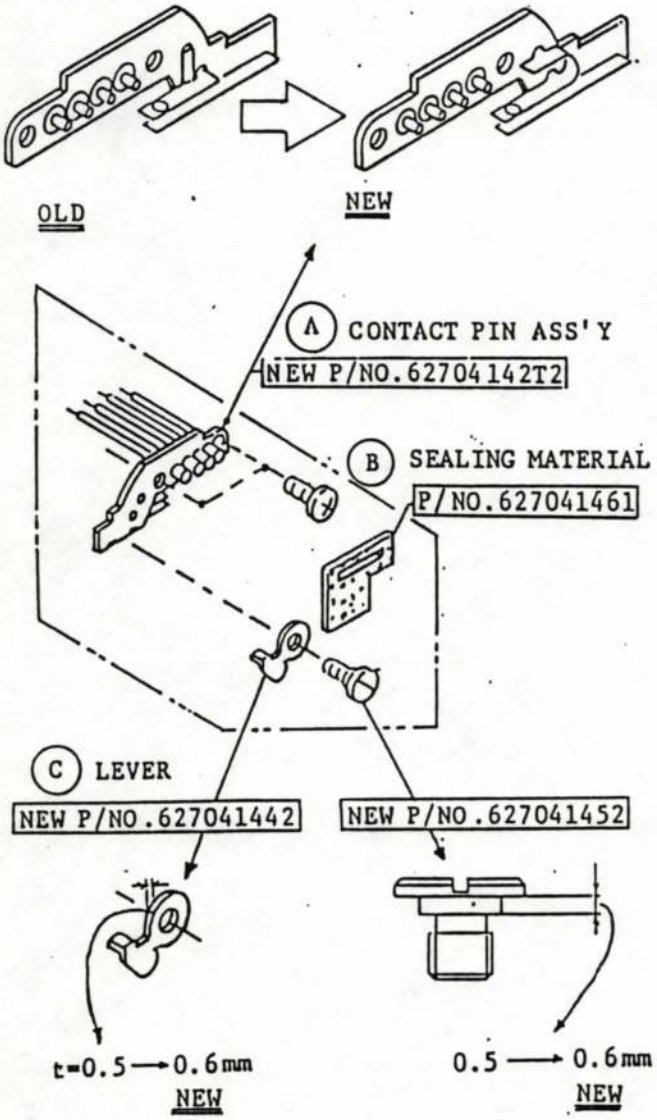
3. MODIFICATION DATE : From September,1986.



Remarks

	NEW CONTACT PIN ASS'Y, LEVER OF DARK & SEALING MATERIAL	1/1	87	3

OUR REF.NO. 003



1. CAUSE

1) Contact of contact pin ass'y :Weakened
2) Light leak from space of contact pins.

2. MODIFICATION

1) Shape of contact.
2) Addition of B Sealing material.
3) Shape of C lever and it's screw.

3. MODIFICATION DATE

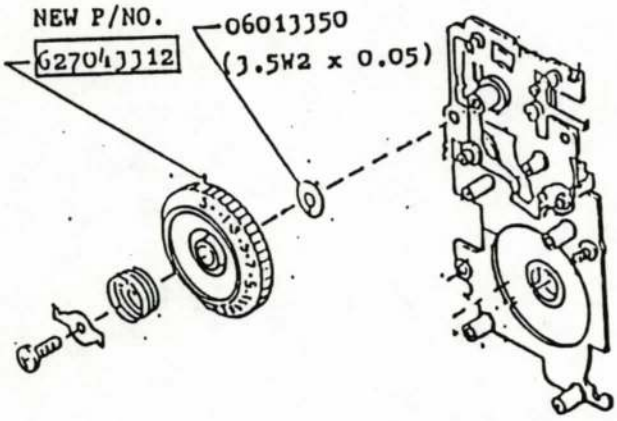
: From February,1986.

Remarks

	NEW EXPOSURE COUNTER DISK	1/1	87	2

OUR REF.NO. 002

NEW



1. CAUSE

: Gear teeth of the E-Counter Disk are Broken.

2. MODIFICATION

: Material of E-Counter Disk : CHANGED. (Special hard material)

: Apply a Washer.

3. REPAIR STEP

: Replacement of E-Counter Disk and Putting of the Washer.

NEW P/NO.627043312 E-COUNTER DISK.
P/NO.06013350(3.5W2x0.05) WASHER.

4. MODIFICATION DATE

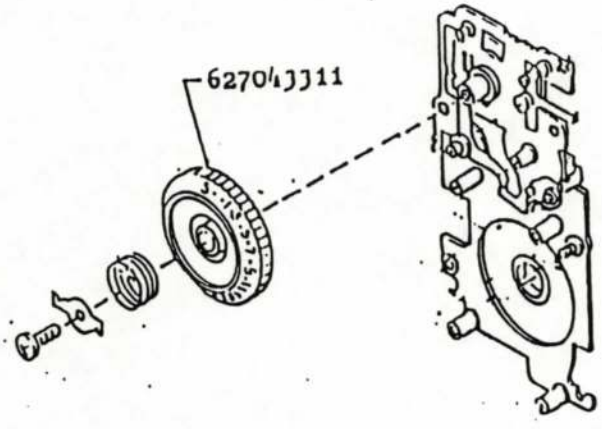
: From End of July,1986.

5. HOW TO DISCRIMINATE BETWEEN OLD AND NEW

: NEW.....Black MAT Color.

: OLD.....Black LUSTER Color.

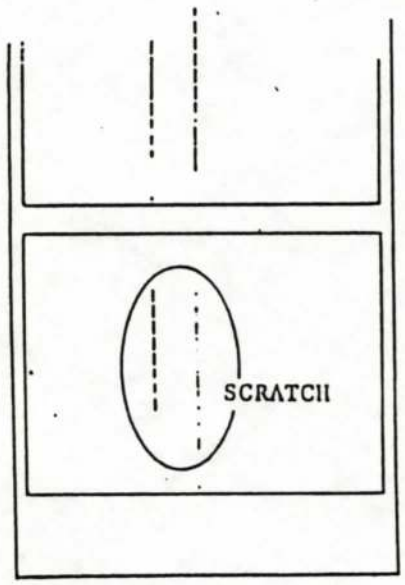
OLD



Remarks

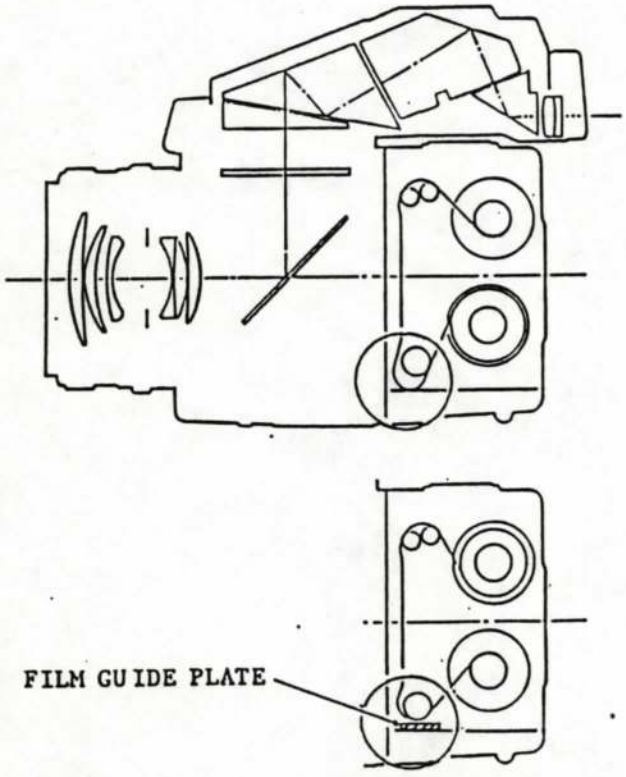
SCRATCH ON FILM SURFACE | 1/2 | 87 | 1

OUR REF.NO. 001



1. PHENOMENON

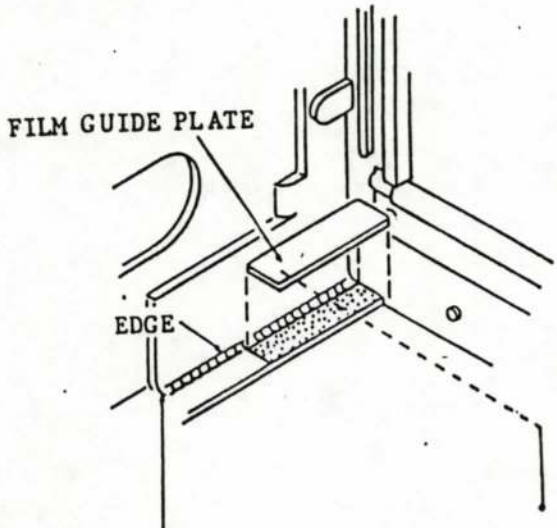
: Scratch on film surface at the 13th~15th exposure frame.



2. CAUSE

: Film surface will rub inner wall of film chamber at 13th to 14th exposure frame.

Remarks



Don't put Film guide plate on body edge.
(Shade position)

3. REPAIR STEP

: Apply the film guide plate to each corner

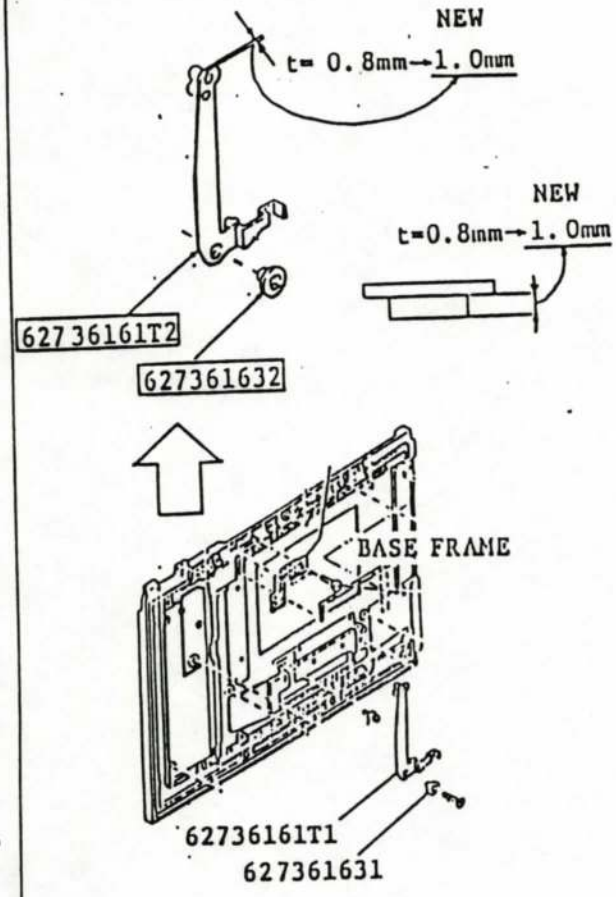
: New parts No.627041571 Film guide plate.

4. MODIFICATION DATE

: From August,1986.

	NEW LOCK RELEASE LEVER	1/1	87	4

OUR REF.NO. 004



1. CAUSE

: Lock release lever : Weakened

2. MODIFICATION

: 62736161T2 Lock release lever

: 62736132 Collar

3. MODIFICATION DATE

: From May,1986.

Remarks